

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Nick Brentlinger on February 2, 2009. According to Mr. Brentlinger, who telephoned the examiner on this day, the Examiner's Amendment included with the Notice of Allowance on December 18, 2008 was not exactly what the applicant's believed they were agreeing to. The examiner apologizes for any miscommunication and agreed to the amendments made below since they do not seem to materially affect the scope of the claims. It was agreed that a Supplemental Examiner's Amendment is the easiest way to make the corrections.

The application has been amended as follows:

IN THE CLAIMS:

15. (Currently Amended) A method of generating extreme ultraviolet light, comprising the steps of:

manufacturing an extreme ultraviolet light source target, wherein a density of the heavy-metal oxide of the target is made to be 0.5% to 80% of the density of a heavy-metal oxide crystal, with a process comprising:

manufacturing a gel containing a heavy-metal oxide by solving a heavy-metal chloride in dehydrated alcohol and mixing this with water; and

drying the gel; the gel; and

irradiating the extreme ultraviolet light source target with a laser beam.

16. (Currently Amended) A method of generating extreme ultraviolet light, comprising the steps of:

manufacturing an extreme ultraviolet light source target, wherein a density of the heavy-metal oxide of the target is made to be 0.5% to 80% of the density of a heavy-metal oxide crystal with a process comprising:

manufacturing a gel containing a heavy-metal oxide by solving a heavy-metal chloride in dehydrated alcohol and mixing this with water;

forming a target by mixing the gel with nanoparticles of polystyrene and heating the gel to a temperature which is 240°C or more but below a decomposition temperature of the heavy-metal oxide; and

irradiating the extreme ultraviolet light source target with a laser beam.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jack I. Berman whose telephone number is (571) 272-2468. The examiner can normally be reached on Monday-Thursday (8:30-7:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert H. Kim can be reached on (571) 272-2293. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Jack I. Berman/  
Primary Examiner, Art Unit 2881

jb  
2/10/09